

Title (en)  
UNIFORM DISTRIBUTION POLYCARBONATE PELLETS

Publication  
**EP 0489361 A3 19920930 (EN)**

Application  
**EP 91120445 A 19911128**

Priority  
US 62170590 A 19901203

Abstract (en)  
[origin: EP0489361A2] Polycarbonate pellets characterized in that (a) the median particle size of said pellets is between 250 and 1,000 microns; (b) the particle size dispersion of said pellets is less than 100 microns; and (c) the skew of the particle distribution is less than 0.25; each as determined according to ASTM Designation D 1921-63. These pellets are further characterized in that, (a) when said polycarbonate pellets are agitated on a screen having a mesh opening size of 850 microns, and when those pellets not retained on said 850 micron screen are then agitated on a screen having a mesh opening size of 710 microns, the portion of said pellets which together is retained on one or the other of said screens is more than 85 percent by weight; and (b) none of said pellets are retained when agitated on a mesh screen having a mesh opening size of 1,500 microns or more. These pellets are prepared by cutting molten polycarbonate as it is emitted from a die, preferably cutting the polycarbonate at the face of the die. Polycarbonate pellets thus characterized are easier to handle and process than those which have a larger median size, size dispersion and/or skew distribution.

IPC 1-7  
**B29B 9/10**

IPC 8 full level  
**B29B 9/06** (2006.01); **B29B 9/12** (2006.01); **B29B 13/10** (2006.01); **C08J 3/12** (2006.01); **C08L 69/00** (2006.01)

CPC (source: EP KR US)  
**B29B 9/065** (2013.01 - EP US); **B29B 9/12** (2013.01 - EP US); **C08G 64/00** (2013.01 - KR); **B29B 2009/125** (2013.01 - EP US); **B29K 2069/00** (2013.01 - EP US)

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